



CONSTRUCTION EQUIPMENT

VOLVO A40G 352349 - FRONT AXLE



Sample No: VCP454439
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP454439	VCP436353	VCP395128	VCP406460
Sample Date	10 Jun 2024	08 Feb 2024	30 Oct 2023	29 Aug 2023
Machine Hours	7523	6743	6234	5785
Oil Hours	780	958	449	1090
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	124	132	130	131
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	6	3
Sodium	ppm	0	0	<1	0
Potassium	ppm	1	1	0	<1

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	13	34	81	19
Copper	ppm	2	<1	1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	2	<1	0
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	2	1	<1	0
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	584	453	434	411
Magnesium	ppm	15	8	0	8
Zinc	ppm	216	149	158	138
Phosphorus	ppm	951	1289	991	1019
Barium	ppm	0	12	0	0
Boron	ppm	159	191	166	198

Depot: SCHGRE
Unique No: 11127001
Signed: Sean Felton
Report Date: 18 Jul 2024



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VOLVO GRAPHS

